CROP SCIENCES: CROP AGRIBUSINESS, BS

for the degree of Bachelor of Science Major in Crop Sciences, Crop Agribusiness Concentration

department website: https://cropsciences.illinois.edu/
department faculty: https://cropsciences.illinois.edu/people/faculty
overview of college admissions & requirements: Agricultural, Consumer & Environmental Sciences (http://catalog.illinois.edu/schools/aces/academic-units/#text)
college website: https://aces.illinois.edu/

The concentration in crop agribusiness is designed for students wanting to combine agronomic production and business management. This concentration prepares students for careers in production and marketing, cropping systems management, and a broad range of multi-functional agricultural enterprises, or for entrance into graduate school.

Prescribed Courses including Campus General Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHET 105</td>
<td>Writing and Research</td>
<td>4</td>
</tr>
<tr>
<td>or equivalent - see College Composition I requirement (3 or 4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMN 101</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
</tbody>
</table>

Advanced Composition

Select from campus approved list.  3-4

Cultural Studies

Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.  9

Foreign Language

Coursework at or above the third level is required for graduation.

Quantitative Reasoning I

Select one of the following:  4-5

- MATH 220  Calculus
- MATH 221  Calculus I
- MATH 234  Calculus for Business I

Quantitative Reasoning II

CPSC 241  Intro to Applied Statistics  3

Natural Sciences and Technology

See Specific Concentration Requirements

Humanities and the Arts

Select from campus approved list  6

Social and Behavioral Sciences

ACE 100  Introduction to Applied Microeconomics  3-4

or ECON 102  Microeconomic Principles

Select from campus approved list.  3-4

ACES required

ACES 101  Contemporary Issues in ACES  2

Required Concentration  58-79

Concentration prescribed courses. See specific concentration requirements.

Total Hours  126

1  ACE 100 or ECON 102 are not required for the Biological Sciences Concentration.

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 103</td>
<td>and General Chemistry Lab I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 105</td>
<td>and General Chemistry Lab II</td>
<td>4</td>
</tr>
<tr>
<td>IB 103</td>
<td>Introduction to Plant Biology</td>
<td>4</td>
</tr>
</tbody>
</table>
| Select one of the following:  4-5
| MCB 100      | Introductory Microbiology                  |       |
| & MCB 101    | and Intro Microbiology Laboratory          |       |
| IB 104       | Animal Biology                             |       |

Crop Agribusiness Concentration Required

ACCY 200  Fundamentals of Accounting  3

or ACCY 201  Accounting and Accountancy I  4

ACE 345  Finan Decision Indiv Sm Bus  3

CPSC 112  Introduction to Crop Sciences  4

CPSC 226  Crop Management  3

CPSC 270  Applied Entomology  3

CPSC 498  Crop Sci Professional Develpmt  1

NRES 201  Introductory Soils  4

PLPA 204  3

Select one of the following:  3-4

- ANSC 100  Intro to Animal Sciences
- FSHN 101  The Science of Food and How it Relates to You
- HORT 100  Introduction to Horticulture
- NRES 102  Introduction to NRES
- TSM 100  Technical Systems in Agr

Select 12 hours from the following:  12

- CPSC 352  Plant Genetics
- CPSC 412  Principles of Crop Production
- CPSC 414  Forage Crops & Pasture Ecology
- CPSC 415  Bioenergy Crops
- CPSC 418  Crop Growth and Management
- CPSC 426  Weed Mgt in Agronomic Crops
- CPSC 431  Plants and Global Change
- CPSC 437  Principles of Agroecology
- CPSC 453  Principles of Plant Breeding
- CPSC 473  Mgmt of Field Crop Insects
- HORT 341  Greenhouse Mgmt and Production
- HORT 360  Vegetable Crop Production
- HORT 361  Small Fruit Production
- HORT 362  Tree Fruit Production
- HORT 466  4

- PLPA 405  Plant Disease Diagnosis & Mgmt
- PLPA 407  3

Information listed in this catalog is current as of 09/2021
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ACE 448</td>
<td>Rural Real Estate Appraisal</td>
</tr>
<tr>
<td>NRES 474</td>
<td>Soil and Water Conservation</td>
</tr>
<tr>
<td>NRES 488</td>
<td>Soil Fertility and Fertilizers</td>
</tr>
</tbody>
</table>

Select one course from each of the following groups: 6-7

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<tr>
<td>ACE 222</td>
<td>Agricultural Marketing</td>
</tr>
<tr>
<td>or ACE 428</td>
<td>Commodity Futures and Options</td>
</tr>
<tr>
<td>ACE 231</td>
<td>Food and Agribusiness Mgt</td>
</tr>
<tr>
<td>or ACE 232</td>
<td>Farm Management</td>
</tr>
</tbody>
</table>

Total ACES prescribed and elective courses must total 35 hours, of which 20 must be completed in residence. 35